

Diabetic Medicine

Journal of the British Diabetic Association

Contents Volume 17, 2000

January 2000 Number 1

Editorial

- 1 The last editor of *Diabetic Medicine*? S. R. Heller

Guest editorial

- 2 Standardization of HbA_{1c} measurements – the issues
A. Thomas

Consensus statement

- 5 Standardization of HbA_{1c} measurements – a consensus statement S. M. Marshall, J. H. Barth

Original articles

- 7 Freezing method affects the concentration and variability of urine proteins and the interpretation of data on microalbuminuria C. J. Schultz, R. N. Dalton, C. Turner, H. A. W. Neil, D. Dunger for the Oxford Regional Prospective Study Group
- 15 Predicting the occurrence of diabetes mellitus in recipients of heart transplants B. Depczynski, B. Daly, L. V. Campbell, D.J. Chisholm, A. Keogh
- 20 Acarbose treatment does not change the habitual diet of patients with Type 2 diabetes mellitus J. Lindström, J. Tuomilehto, M. Spengler for the Finnish Acarbose Study Group
- 26 Universal vs. risk factor-based screening for gestational diabetes mellitus: detection rates, gestation at diagnosis and outcome M. E. Griffin, M. Coffey, H. Johnson, P. Scanlon, M. Foley, J. Stronge, N. M. O'Meara, R. G. Firth
- 33 Perinatal mortality in Type 2 diabetes mellitus T. Cundy, G. Gamble, K. Townend, P.G. Henley, P. MacPherson, A.B. Roberts
- 40 Addition of low-dose rosiglitazone to sulphonylurea therapy improves glycaemic control in Type 2 diabetic patients B. H. R. Wolffenbuttel, R. Gomis, S. Squatrito, N. P. Jones, R. N. Patwardhan
- 48 Placental size and large-for-gestational-age infants in women with abnormal glucose tolerance in pregnancy T. W. Leung, T. T. Lao
- 53 Leisure-time physical activity at weekends and the risk of Type 2 diabetes mellitus in Japanese men: the Osaka Health Survey K. Okada, T. Hayashi, K. Tsumura, C. Suematsu, G. Endo, S. Fujii

Epidemiology

- 59 Incidence of Type 1 diabetes mellitus in children aged 0 to 14 in Japan, 1986–1990, including an analysis for seasonality of onset and month of birth: JDS study K. Kida, G. Mimura, T. Ito, K. Murakami, I. Ashkenazi, Z. Laron, the Data Committee for Childhood Diabetes of the Japan Diabetes Society (JDS)
- 64 Type 1 diabetes mellitus in Czech children diagnosed between 1990–1997: a significant increase in incidence and male predominance in the age group 0–4 years O. Cinek, V. Lánská, S. Koloušková, Z. Šumník, M. Snajderová, K.S. Ronningen, J. Vavrinec, collaborators of the Czech Childhood Diabetes Registry

Short report

- 70 The care of students with insulin-treated diabetes mellitus living in university accommodation: scope for improvement? M.W.J. Strachan, A.C. MacCuish, B.M. Frier

Case report

- 74 'Sausage toe': a reliable sign of underlying osteomyelitis S. Rajbhandari, M. Sutton, C. Davies, S. Tesfaye, J.D. Ward

Special feature

- 78 Continuing education

Letter

- 87 Type 1 diabetes mellitus and hepatic sinusoidal fibrosis N. M. McGrath, M. L. Yeong

Book review

- 89 *Obesity and Diabetes Mellitus Reviewed by N. Finer*
90 DM Diary

February 2000 Number 2

Review

- 91 Ions, genes and insulin release: from basic science to clinical disease M.J. Dunne

Original articles

- 105 'Numbness of the feet' is a poor indicator for polyneuropathy in Type 2 diabetic patients L.V. Franse, G.D. Valk, J.H. Dekker, R.J. Heine, J.T.M. van Eijk

- 111 Aldose reductase gene polymorphisms and susceptibility to diabetic nephropathy in Type 1 diabetes mellitus
D.K. Moczulski, L. Scott, A. Antonellis, J.J. Rogus, S.S. Rich, J.H. Warram, A.S. Krolewski
- 119 Comparison of questionnaire, breath carbon monoxide and urine cotinine in assessing the smoking habits of Type 2 diabetic patients A.A. Ismail, G.V. Gill, K. Lawton, G.M. Houghton, I.A. MacFarlane
- 124 Correlations between insulin sensitivity and bone mineral density in non-diabetic men B. Abrahamsen, A. Robold, J.E. Henriksen, H. Beck-Nielsen
- 130 Microcirculatory response of skin to benzoic acid and methyl nicotinate in patients with diabetes V. Koivukangas, A. Oikarinen, P.I. Salmela, A. Lahti
- 134 Insulin sensitivity in hypertensive Type 2 diabetic patients after 1 and 19 days' treatment with trandolapril J.P. New, R.W. Bilous, M. Walker

Epidemiology

- 141 Estimating the prevalence of diagnosed diabetes in a health district of Wales: the importance of using primary and secondary care sources of ascertainment with adjustment for death and migration C.L. Morgan, C.J. Currie, N.C.H. Stott, M. Smithers, C.C. Butler, J.R. Peters
- 146 The prevalence of multiple diabetes-related complications C.L. Morgan, C.J. Currie, N.C.H. Stott, M. Smithers, C.C. Butler, J.R. Peters
- 152 Insulin resistance alone does not explain the clustering of cardiovascular risk factors in southern India C. Snehalatha, S. Sivasankari, K. Satyavani, V. Vijay, A. Ramachandran
- 158 No association between birth weight and Type 1 diabetes mellitus - a twin-control study K.O. Kyvik, I. Bache, A. Green, H. Beck-Nielsen, K. Buschard

Case report

- 163 Clinico-pathological features of postural hypotension in diabetic autonomic neuropathy K.I. Khawaja, D. Walker, S.A. Hayat, A.J.M. Boulton, R.A. Malik

Letters

- 167 When do environmental factors initiate islet cell damage in children with Type 1 diabetes mellitus? G.R. Law, H.J. Bodansky, P.A. McKinney
- 168 Diabetic foot ulcer management: a perspective of primary and secondary care L. Mitchell, E.A. Masson
- 168 Erratum

Book review

- 169 The Care of Neuropathic Limbs: A Practical Manual
Reviewed by W. Jeffcoate
- 170 DM diary

Original articles

- 181 Beneficial effects of C-peptide on incipient nephropathy and neuropathy in patients with Type 1 diabetes mellitus B.-L. Johansson, K. Borg, E. Fernqvist-Forbes, A. Kornell, T. Odergren, J. Wahren
- 190 Education integrated into structured general practice care for Type 2 diabetic patients results in sustained improvement of disease knowledge and self-care I.J.M. van den Arend, R.P. Stolk, G.E.H.M. Rutten, G.J.P. Schrijvers
- 198 Prevalence of symptoms of depression and anxiety in a diabetes clinic population C.E. Lloyd, P.H. Dyer, A.H. Barnett
- 203 Is mild gestational hyperglycaemia associated with maternal and neonatal complications? The Diagest Study A. Vambergue, M.C. Nuttens, O. Verier-Mine, C. Dognin, J.P. Cappoen, P. Fontaine
- 209 A randomized, controlled trial comparing insulin lispro with human soluble insulin in patients with Type 1 diabetes on intensified insulin therapy E.A.M. Gale for the UK Trial Group
- 215 Clinical profile of diabetic foot infections in south India - a retrospective study V. Vijay, D.V.L. Narasimham, R. Seena, C. Snehalatha, A. Ramachandran
- 219 Angiotensin-converting enzyme inhibition by quinapril blocks the albuminuric effect of atrial natriuretic peptide in Type 1 diabetes and microalbuminuria K. McKenna, D. Smith, P. Barrett, A. Glenn, C.M. Kesson, J. Connell, C.J. Thompson
- 225 Effects of the new oral hypoglycaemic agent nateglinide on insulin secretion in Type 2 diabetes mellitus D.C. Whitelaw, P.M. Clark, J.M. Smith, M. Natrass
- 230 Relative activity and referral patterns for diabetes and non-diabetes in general practice C.L. Morgan, C.J. Currie, J. Hunt, J.D. Evans, C. Rogers, N.C.H. Stott, J.R. Peters

Epidemiology

- 236 Early social mixing and childhood Type 1 diabetes mellitus: a case-control study in Yorkshire, UK P.A. McKinney, M. Okasha, R.C. Parslow, G.R. Law, K.A. Gurney, R. Williams, H.J. Bodansky

Short report

- 243 Comparison of vasodilator effects of substance P in human forearm vessels of normoalbuminuric Type 1 diabetic and non-diabetic subjects D.R. Meeking, S. Allard, J. Munday, P.J. Chowienzyk, K.M. Shaw, M.H. Cummings

Letters

- 247 Significance of GAD positivity in elderly patients with diabetes G.S. Meneilly, H. Tildesley, T. Elliott, J.P. Palmer, R. Juneja
- 248 Hypoxia-induced vascular endothelial growth factor expression is potentiated by elevated glucose levels M. Meier, C.J. O'Callaghan, B. Gallacher, E. Standl, B. Williams
- 249 Does acute hyperinsulinaemia change plasma adrenomedullin concentration in healthy men? Y. Nagai, H. Yamashita, T. Takamura, K.-I. Kobayashi

March 2000 Number 3

Review

- 171 Radicals and oxidative stress in diabetes I.C. West

- 250 Long term treatment of the anaemia in Type 1 diabetes mellitus with erythropoietin A.S. Winkler, P.J. Watkins
 252 DM Diary

April 2000 Number 4

Review

- 253 The Charcot foot W. Jeffcoate, J. Lima, L. Nobrega

Original articles

- 259 Sorbitol and myo-inositol levels and morphology of sural nerve in relation to peripheral nerve function and clinical neuropathy in men with diabetic, impaired, and normal glucose tolerance G. Sundkvist, L.-B. Dahlin, H. Nilsson, K.-F. Eriksson, F. Lindgärde, I. Rosén, S.A. Lattimer, A.A.F. Sima, K. Sullivan, D.A. Greene
 269 Ketoacidosis in young adults is not related to the islet antibodies at the diagnosis of Type 1 diabetes mellitus – a nationwide study J. Öestman, M. Landin-Olsson, C. Törn, J. Palmer, Å. Lernmark, H. Arnqvist, E. Björk, J. Bolinder, G. Blohmé, J. Eriksson, B. Littorin, L. Nyström, B. Scherstén, G. Sundkvist, L. Wibell
 275 Role of islet autoimmunity in the aetiology of different clinical subtypes of diabetes mellitus in young north Indians A.K. Singh, E. Bhatia, P. Dabaghao, V. Bhatia, S.A. Gellert, P.G. Colman
 281 Maternal and perinatal outcomes in 143 Danish women with gestational diabetes mellitus and 143 controls with a similar risk profile D.M. Jensen, B. Sørensen, N. Feilberg-Jørgensen, J.G. Westergaard, H. Beck-Nielsen
 287 Rosiglitazone taken once daily provides effective glycaemic control in patients with Type 2 diabetes mellitus J.J. Nolan, N.P. Jones, R. Patwardhan, L.F. Deacon
 295 Young Chinese adults with new onset of diabetic ketoacidosis – clinical course, autoimmune status and progression of pancreatic β-cell function J.K.Y. Li, J.C.N. Chan, P.Z. Zimmet, M.J. Rowley, I.R. Mackay, C.S. Cockram
 299 Relation between insulin resistance and carotid intima-media thickness and stenosis in non-diabetic subjects. Results from a cross-sectional study in Malmö, Sweden B. Hedblad, P. Nilsson, L. Janzon, G. Berglund
 308 Lipoproteins and low-dose estradiol replacement therapy in post-menopausal Type 2 diabetic patients: the effect of addition of norethisterone acetate D. Owens, P.B. Collins, A. Johnson, G.H. Tomkin

Clinical practice

- 316 Driving and insulin – consensus, conflict or confusion? D.E.H. Flanagan, J. Watson, J. Everett, D. Cavan, D. Kerr

Short report

- 321 Increased left ventricular mass index and nocturnal systolic blood pressure in patients with Type 2 diabetes mellitus and microalbuminuria M.K. Rutter, J.M. McComb, J. Forster, S. Brady, S.M. Marshall

Case report

- 326 Macular oedema with associated uveitis and cataract following presentation of Type 1 diabetes mellitus in severe ketoacidosis D. Gordon, B. H. Browne

Letters

- 329 Severe diabetic ketoacidosis R. Matz
 330 Failure to reduce nicotine addiction in young adults with diabetes A.A. Ismail, M.E. Wallymahmed, G.V. Gill, I.A. MacFarlane
 331 The use of lispro for high sugar content snacks between meals in intensive insulin regimens N. Kong, M.M. Kitchen, R.E.J. Ryder
 332 Errata

Book review

- 333 Exercise and Sport in Diabetes Reviewed by C.J. Crace
 334 DM Diary

May 2000 Number 5

Editorial

- 335 The quality of clinical care in Britain - could do better S.R. Heller

Review

- 336 The relevance of the glycaemic index to our understanding of dietary carbohydrates G. Frost, A. Dornhorst

Original articles

- 346 Effect of ageing and diabetes on glucose-dependent insulinotropic polypeptide and dipeptidyl peptidase IV responses to oral glucose G. S. Meneilly, H. -U. Demuth, C.H.S. McIntosh, R.A. Pederson
 351 Carbohydrate sources and glycaemic control in Type 1 diabetes mellitus A.E. Buyken, M. Toeller, G. Heitkamp, K. Irsigler, C. Holler, F. Santeusano, P. Stieber, J.H. Fuller, the EURODIAB IDDM Complications Study Group
 360 Non-dipping circadian blood pressure and renal impairment are associated with increased mortality in diabetes mellitus N.D.C. Sturrock, E. George, N. Pound, J. Stevenson, G.M. Peck, H. Sowter
 365 Low birthweight and metabolic abnormalities in twins with increased susceptibility to Type 2 diabetes mellitus S. Bo, P. Cavallo-Perin, L. Scaglione, G. Cicciione, G. Pagano
 371 Post-prandial administration of the insulin analogue insulin aspart in patients with Type 1 diabetes mellitus G.A. Brunner, S. Hirschberger, G. Sendlhofer, A. Wutte, M. Ellmerer, B. Balent, L. Schaupp, G.J. Krejs, T.R. Pieber

Epidemiology

- 376 Prevalence of gestational diabetes mellitus – do the new WHO criteria make a difference? M.I. Schmidt, M.C. Matos, A.J. Reichelt, A. Costa Forti, L. de Lima,

- B.B. Duncan for the Brazilian Gestational Diabetes Study Group
- 381 Application of the new ADA criteria for the diagnosis of diabetes to population studies in sub-Saharan Africa
N.S. Levitt, N.C. Unwin, D. Bradshaw, H.M. Kitange, J.-C.N. Mbanya, W.F. Mollentze, M.A.K. Omar, A.A. Motala, G. Joubert, G. Masuki, H. Machibya
- Short reports**
- 386 Evaluation of an on-call diabetes service in a large teaching hospital P. Perros, B.M. Frier
- 390 A novel mutation in the hepatocyte nuclear factor-1α/MODY3 gene among Chinese subjects with early-onset Type 2 diabetes mellitus in Taiwan T.-S. Jap, Y.-C. Wu, J.Y. Chiou, C.-F. Kwok
- Case report**
- 394 Bilateral optic atrophy following diabetic ketoacidosis S.H. Song, A. Mowbray, H. O'Shea, I.W. Campbell
- Special feature**
- 397 Continuing education
- Letter**
- 410 Erythropoietin depletion and anaemia in diabetes mellitus G. Ghirlanda, P. Cotroneo, L. Todaro, D. Pitocco, A. Manto, S. Storti, S. Caputo, B.M. Ricerca
- Book review**
- 411 Hypoglycaemia in Clinical Diabetes Reviewed by A. Gold
- 412 DM Diary
- C.J. Östgren, U. Lindblad, J. Ranstam, A. Melander, L. Råstam
- 451 Intra-individual variability and longitudinal changes in glycaemic control in patients with Type 1 diabetes mellitus R. Jorde, J. Sundsfjord
- 457 Dissociated sensory loss in diabetic autonomic neuropathy A.S. Winkler, N. Ejksjaer, M. Edmonds, P.J. Watkins
- 463 Enhanced albuminuric response to atrial natriuretic peptide in normalalbuminuric patients with Type 1 diabetes mellitus – a pilot study K. McKenna, D. Smith, K. Moore, A. Glen, C.M. Kesson, C.J. Thompson
- 469 Screening for Type 2 diabetes mellitus: a decision analytic approach E.C. Goyder, L.M. Irwig
- Short reports**
- 478 Socio-economic status, obesity and prevalence of Type 1 and Type 2 diabetes mellitus J.M.M. Evans, R.W. Newton, D.A. Ruta, T.M. MacDonald, A.D. Morris
- 481 Joint liaison psychiatry-diabetes clinic: a new specialist service C. Mitchell, J. Catalan, C. McIntosh, M.D. Feher
- Case report**
- 484 Diabetes as a result of atypical anti-psychotic drugs – a report of three cases V. Rigalleau, B. Gatta, S. Bonnaud, M. Masson, M.L. Bourgeois, V. Vergnot, H. Gin
- Letters**
- 487 Nasal colonization with *Staphylococcus aureus* in patients with diabetes mellitus A. Abhuwalia, A. Sood, A. Sood, R. Lakshmy, A. Kapil, R.M. Pandey
- 488 Predicting the occurrence of diabetes mellitus in recipients of heart transplants A.J. Krentz
- 488 The 'VPTscore' – a useful predictor of neuropathy in diabetic patients D.V. Coppini, C. Weng, P.J. Young, P.H. Sönksen
- 490 Childhood Type 1 diabetes and parental occupation involving social mixing and infectious contacts J. Evans, J. Ellis, D. Steinke, P. Donnan, A.D. Morris
- 491 Childhood Type 1 diabetes and parental occupation involving social mixing and infectious contacts. Reply N.T. Fear, P.A. McKinney, R.C. Parslow, C.C. Patterson, H.J. Bodansky
- 492 DM Diary

June 2000 Number 6

- Editorial**
- 413 New clothes for *Diabetic Medicine* S.R. Heller
- Guest editorial**
- 414 The rise and fall of troglitazone C.J. Bailey
- Review**
- 416 Hypoglycaemia induced by exogenous insulin – 'human' and animal insulin compared C.M. Airey, D.D.R. Williams, P.G. Martin, C.M.T. Bennett, P.A. Spoor
- Original articles**
- 433 Impaired glucose tolerance and fasting hyperglycaemia have different characteristics M.J. Davies, N.T. Raymond, J.L. Day, C.N. Hales, A.C. Burden
- 441 Autoantibodies to tissue transglutaminase are sensitive serological parameters for detecting silent coeliac disease in patients with Type 1 diabetes mellitus O. Kordonouri, W. Dieterich, D. Schuppan, G. Weber, C. Müller, N. Saroglou, M. Becker, T. Danne
- 445 Associations between smoking and β-cell function in a non-hypertensive and non-diabetic population

July 2000 Number 7

- Guest editorial**
- 493 Diabetic retinopathy screening D.R. Owens, R.L. Gibbins, E. Kohner, G.M. Grimshaw, R. Greenwood, S. Harding
- Review**
- 495 Effectiveness of screening and monitoring tests for diabetic retinopathy – a systematic review A. Hutchinson, A. McIntosh, J. Peters, C. O'Keeffe, K. Khunti, R. Baker, A. Booth

Original articles

- 507 Oral hypoglycaemic agents in 118 diabetic pregnancies
E. Hellmuth, P. Damm, L. Molsted-Pedersen
- 512 Acute hyperglycaemia causes elevation in plasma atrial natriuretic peptide concentrations in Type 1 diabetes mellitus *K. McKenna, D. Smith, W. Tormey, C.J. Thompson*
- 518 Effects of three months' diet after diagnosis of Type 2 diabetes on plasma lipids and lipoproteins (UKPDS 45)
UK Prospective Diabetes Study (UKPDS) Group
- 524 Distribution of autoantibodies to glutamic acid decarboxylase across the spectrum of diabetes mellitus seen in South Africa *V.R. Panz, W.J. Kalk, M. Zouvanis, B.I. Joffe*
- 528 What do patients with diabetes know about their tablets?
D.L. Browne, L. Avery, B.C. Turner, D. Kerr, D.A. Cavan
- 532 Different effects of glucose on extracellular and intracellular respiratory burst response in normal human neutrophils activated with the soluble agonist fMet-Leu-Phe *P.-A. Oldenborg, I.-M. Sundqvist, J. Sehlin*

Epidemiology

- 538 Influence of a familial history of diabetes on the clinical characteristics of patients with Type 2 diabetes mellitus
S. Bo, P. Cavallo-Perin, L. Gentile, E. Repetti, G. Pagano

Case reports

- 543 Sensitivity to sulphonylureas in patients with hepatic nuclear factor-1 α mutations: evidence for pharmacogenetics in diabetes *E.R. Pearson, W.G. Liddell, M. Shepherd, R.J. Corrall, A.T. Hattersley*
- 546 Blindness following a diabetic foot infection: a variant to the 'eye-foot syndrome'? *K.C.J. Yuen, N.R. Baker, A. Reddy, C. Edelsten, G. Rayman*

Letters

- 550 Angiotensin-II receptor antagonist treatment lowers plasma total and very low + low-density lipoprotein cholesterol in Type 1 diabetic patients with albuminuria without affecting plasma cholesterol esterification and cholesterolemester transfer *H. Buter, A. van Tol, G.J. Navis, L.M. Scheek, P.E. de Jong, D. de Zeeuw, R.P.F. Dullaart*
- 552 Birthweight is not a risk factor for childhood-onset Type 1 diabetes mellitus *E. Stenhouse, H.X. Zaho, B.A. Millward*
- 552 Too hot to handle – an unusual location for an adverse effect of capsaicin *N. Munro, N. Riche, C. McIntosh, M.D. Feher*
- 553 Losartan, an angiotensin type 1 receptor inhibitor, and endothelial vasodilator function in Type 1 diabetes mellitus *J. Collis, C. Cheetham, L. Dembo, J. O'Driscoll, K. Stanton, R. Taylor, D. Green*
- 554 Seasonal variation in HbA_{1c} in patients with Type 2 diabetes mellitus *T.A. Carney, S.P. Guy, C.D. Helliwell*
- 555 Potential for error from underfilling Glucometer Elite test strips *K. Weiner*
- 556 Aspirin does not improve endothelial vasodilator function in Type 1 diabetes mellitus *R.A.P. Skyrme-Jones, I.T. Meredith*
- 557 Diabetes in New Zealand Maori *N. McGrath*
- 558 Standardization of HbA_{1c} measurements *W.A. Bartlett, A.F. Jones, R.A. Hall, E.F. Legg*
- 559 Standardization of HbA_{1c} measurements. Reply
A. Thomas, J. Middle, G. John, S.M. Marshall, J.H. Barth

Book review

- 561 Handbook of Diabetes (2nd edition) *Reviewed by A. Mackie*
- 562 DM Diary

August 2000 Number 8**Guest editorial**

- 563 Confidentiality and diabetes 'registers' – a dilemma?
N.J.A. Vaughan, L. Fogarty

Diabetes UK report

- 565 Survey of dietary provision for patients with diabetes
M. Nelson, M.E.J. Lean, H. Connor, B.J. Thomas, K. Lord, B. Hartland, S. Waldron, N. McGough, L. Walker, A. Ryan, K. Start

Original articles

- 572 Adaptation of the Diabetes Health Profile (DHP-1) for use with patients with Type 2 diabetes mellitus: psychometric evaluation and cross-cultural comparison *K.A. Meadows, C. Abrams, A. Sandbaek*
- 581 Improving foot care for people with diabetes mellitus – a randomized controlled trial of an integrated care approach *M.E. Donohoe, J.A. Felton, A. Hook, R. Powell, I. Robinson, J.W. Stead, R. Taylor, J.E. Tooze*
- 588 Automated detection of microaneurysms in digital red-free photographs: a diabetic retinopathy screening tool *J.H. Hipwell, F. Strachan, J.A. Olson, K.C. McHardy, P.F. Sharp, J.V. Forrester*
- 595 Post-partum reclassification of glucose tolerance in women previously diagnosed with gestational diabetes mellitus *A. Costa, F. Carmona, S. Martinez-Roman, L. Quintó, I. Levy, I. Conget*
- 599 Interaction between the Asn291Ser variant of the *LPL* gene and insulin resistance on dyslipidaemia in high risk individuals for Type 2 diabetes mellitus *M. Klannemark, L. Suurinkeroinen, M. Orho-Melander, L. Groop, M.R. Taskinen*
- 606 Hyperinsulinaemia in offspring of Type 2 diabetic patients: impaired response of carbohydrate metabolism, but preserved cardiovascular response *S. Frontoni, M. Pellegrinotti, D. Bracaglia, S. Farrace, A. Caselli, A. Baroni, C. De Angelis, G. Menzinger, S. Gambardella*
- 612 Geographic and social factors are related to increased morbidity and mortality rates in diabetic patients *C. Weng, D.V. Coppini, P.H. Sonksen*
- 618 Gastric parietal cell antibodies are associated with glutamic acid decarboxylase-65 antibodies and the HLA DQA1*0501-DQB1*0301 haplotype in Type 1 diabetes mellitus *C.E.M. De Block, I.H. De Leeuw, R.P.A. Roosman, F. Winnock, M.V.L. Du Caju, L.F. Van Gaal, the Belgian Diabetes Registry*

Letters

- 623 Diabetes and lipids – a conundrum *J.P. Begley, D. Kerr*
 624 Authors' response to the letter 'Predicting the occurrence
 of diabetes mellitus in recipients of heart transplants'
 *B. Depczynski, B. Daly, L.V. Campbell, D.S. Chisholm,
 A. Keogh*

Book review

- 625 Type 2 Diabetes: Prediction and Prevention. Reviewed by
 P.H. Bennett
 626 DM diary

Letters

- 684 Chromium supplementation improves insulin resistance in
 patients with Type 2 diabetes mellitus *B.W. Morris,
 S. Kouta, R. Robinson, S. MacNeil, S. Heller*
 685 Heterogeneity in the clinical course of patients with Type 2
 diabetes on dialysis – the need for different preventative
 strategies *C. Bingham, A.J. Nicholls, A.T. Hattersley*
 687 Endothelial dysfunction in Type 1 diabetes mellitus:
 methodological considerations *G. Dogra, G.F. Watts*

Book review

- 689 Diabetic Retinopathy: Diagnosis, Management and
 Reference Images Reviewed by *R. Taylor*
 690 DM Diary

September 2000 Number 9**Special report**

- 627 Preservation of sight in diabetes: developing a national risk
 reduction programme *L. Garvican, J. Clowes, T. Gillow*

Original articles

- 635 Evaluation of a holistic treatment and teaching pro-
 gramme for patients with Type 1 diabetes who failed to
 achieve their therapeutic goals under intensified insulin
 therapy *U. Bott, S. Bott, D. Hemmann, M. Berger*
 644 Plasma concentrations of VCAM-1 and ICAM-1 are
 elevated in patients with Type 1 diabetes mellitus with
 microalbuminuria and overt nephropathy *P. Clausen,
 P. Jacobsen, K. Rossing, J.S. Jensen, H.H. Parving,
 B. Feldt-Rasmussen*
 650 Vascular endothelial growth factor (VEGF) in children,
 adolescents and young adults with Type 1 diabetes
 mellitus: relation to glycaemic control and microvascular
 complications *F. Chiarelli, A. Spagnoli, F. Basciani,
 S. Tumini, A. Mezzetti, F. Cipollone, F. Cuccurullo,
 G. Morgese, A. Verrotti*
 657 The glycaemic index of a range of gluten-free foods
 S.C. Packer, A. Dornhorst, G.S. Frost
 661 Assessment of the non-HLA-DR-DQ contribution to
 IDDM1 in British Caucasian families: analysis of *LMP7*
 polymorphisms *C.L. McTernan, L.C. Stewart, C.H.
 Mijovic, A.H. Barnett*

Epidemiology

- 667 Autoantibodies to glutamic acid decarboxylase in diabetic
 patients from a multi-ethnic Australian community: the
 Fremantle Diabetes Study *T.M.E. Davis, P. Zimmet,
 W.A. Davis, D.G. Bruce, S. Fida, I.R. Mackay*
 675 Incidence and predictors of drug-treated diabetes in
 elderly French subjects. The PAQUID Epidemiological
 Survey *I. Bourdel-Marchasson, B. Dubroca, L. Letenneur,
 A. Fourrier, S. Richard-Harston, A. Decamps,
 M. Rainfray, J.-P. Emery, J.-F. Dartigues*

Case report

- 682 A case of hand ulceration in the diabetic foot clinic – a
 reminder of hand neuropathy in 'at risk' patients
 D.V. Coppini, C. Best

October 2000 Number 10**Guest editorial**

- 691 Descriptive epidemiology short reports in *Diabetic
 Medicine* – an opportunity to present data with the
 population as the unit of variation *N.J. Wareham,
 N. Unwin, K. Borch-Johnsen*

Review

- 693 Mydriasis and glaucoma: exploding the myth. A sys-
 tematic review *R.J. Pandit, R. Taylor*

Original articles

- 700 The Child Health Questionnaire in children with diabetes:
 cross-sectional survey of parent and adolescent-reported
 functional health status *M. Wake, K. Hesketh, F. Cameron*
 708 Does dietary protein intake correlate with markers
 suggestive of early diabetic nephropathy in children and
 adolescents with Type 1 diabetes mellitus? *B.E. O'Hayon,
 E.A. Cummings, D. Daneman, M.G. Ossip, M.L.
 Lawson, E.B. Sochett*
 713 Glucagon-like peptide (GLP)-1 and leptin concentrations
 in obese patients with Type 2 diabetes mellitus
 *E. Mannucci, A. Ognibene, F. Cremasco, G. Bardini,
 A. Mencucci, E. Pierazzoli, S. Ciani, A. Fanelli,
 G. Messeri, C.M. Rotella*
 720 Fasting plasma glucose as a screening test for gestational
 diabetes in a multi-racial, high-risk population
 M.M. Agarwal, P.F. Hughes, J. Punnoose, M. Ezimokhai
 727 Predictors of mortality and end-stage diabetic complica-
 tions in patients with Type 1 diabetes mellitus on
 intensified insulin therapy *I. Mühlhauser, H. Overmann,
 R. Bender, V. Jörgens, M. Berger*
 735 Impact of the *Xba*1-polymorphism of the human muscle
 glycogen synthase gene on parameters of the insulin
 resistance syndrome in a Danish twin population
 M. Fenger, P. Poulsen, H. Beck-Nielsen, A. Vaag
 741 The prevalence of diabetes, association with cardiovas-
 cular risk factors and implications of diagnostic criteria
 (ADA 1997 and WHO 1998) in a 1996 community-based
 population study in Hong Kong Chinese *E.D. Janus,*

N.M.S. Wat, K.S.L. Lam, C.S. Cockram, S.T.S. Siu, L.J. Liu, T.H. Lam on behalf of the Hong Kong Cardiovascular Risk Factor Steering Committee

Epidemiology short report

- 746 Type 2 diabetes mellitus, impaired glucose tolerance, and associated factors in a rural Palestinian village *A. Husseini, H. Abdul-Rahim, F. Awartani, R. Giacaman, J. Jervell, E. Bjertness*

Short report

- 749 Prevalence of pernicious anaemia in patients with Type 1 diabetes mellitus and autoimmune thyroid disease *P. Perros, R.K. Singh, C.A. Ludlam, B.M. Frier*

Letters

- 752 Management of asymptomatic hypoglycaemia in children and adolescents with Type 1 diabetes mellitus *S. Tupola, I. Sipilä, N.P. Huttunen, S. Salo, A. Niujala, H.K. Åkerblom*
 753 Capturing the prevalence of diagnosed diabetes *G. Gill, N. Beeching*
 754 DM Diary

T.H. Lam, L.J. Liu, E.D. Janus, K.S.L. Lam, A.J. Hedley for the Hong Kong Cardiovascular Risk Factor Prevalence Study Steering Committee

Case reports

- 807 Serum S-100 β protein is a potential biochemical marker for cerebral oedema complicating severe diabetic ketoacidosis *E.A. McIntyre, H.D. Abraha, P. Perros, R.A. Sherwood*
 810 Diabetes mellitus secondary to glycogen storage disease type III *Y. Oki, M. Okubo, S. Tanaka, K. Nakanishi, T. Kobayashi, T. Murase*

Letters

- 813 Deprivation and Type 2 diabetes mellitus prevalence *G. Gill, N.J. Beeching*
 814 Bacteria in superficial diabetic foot ulcers *V. Urbancic-Rovan, M. Gubina*

Book reviews

- 816 Diabetes: Emergency and Hospital Management *Reviewed by T. Dornan*
 817 Slide Atlas of Diabetes *Reviewed by A. Scott*
 818 DM Diary

November 2000 Number 11

Review

- 755 Self-monitoring in Type 2 diabetes mellitus: a meta-analysis *S. Coster, M.C. Gulliford, P.T. Seed, J.K. Powrie, R. Swaminathan*

Original articles

- 762 Insulin aspart vs. human insulin in the management of long-term blood glucose control in Type 1 diabetes mellitus: a randomized controlled trial *P.D. Home, A. Lindholm, A. Riis for the European Insulin Aspart Study Group*
 771 Screening for diabetes mellitus – a two-step approach in individuals with impaired fasting glucose improves detection of those at risk of complications *E.S. Tai, S.C. Lim, B.Y. Tan, S.K. Chew, D. Heng, C.E. Tan*
 776 Alcohol consumption, Type 2 diabetes mellitus and impaired glucose tolerance in middle-aged Swedish men *S. Carlson, N. Hammar, S. Efendic, P.-G. Persson, C.-G. Östenson, V. Grill*
 782 Near-normal urinary albumin concentrations predict progression to diabetic nephropathy in Type 1 diabetes mellitus *Royal College of Physicians of Edinburgh Diabetes Register Group*
 792 Women with a history of gestational diabetes of European and South Asian origin are shorter than women with normal glucose tolerance in pregnancy *E. Kousta, N.J. Lawrence, A. Penny, B.A. Millauer, S. Robinson, D.G. Johnston, M.I. McCarthy*
 798 Fibrinogen, other cardiovascular risk factors and diabetes mellitus in Hong Kong: a community with high prevalence of Type 2 diabetes mellitus and impaired glucose tolerance

December 2000 Number 12

Editorial

- 819 Reflections of a new Editor *S.R. Heller*

Guest editorial

- 820 The cost of diabetes: time for a different approach? *S. Dixon, C.J. Currie, J.R. Peters*

Review

- 823 Evidence-based patient information in diabetes *I. Mühlbauer, M. Berger*

Original articles

- 830 Incidence and risk factors for neonatal hypoglycaemia among women with gestational diabetes mellitus in South Auckland *D. Simmons, C.F. Thompson, C. Conroy*
 835 Post-challenge hyperglycaemia relates more strongly than fasting hyperglycaemia with carotid intima-media thickness: the RIAD Study *M. Hanefeld, C. Koehler, E. Henkel, K. Fuecker, F. Schaper, T. Temelkova-Kurttschiev*
 841 HLA-DQ polymorphism and degree of heteroplasmy of the A3243G mitochondrial DNA mutation in maternally inherited diabetes and deafness *E.H.R. van Essen, B.O. Roep, L.M. 't Hart, J.J. Jansen, J.M.W. Van den Ouveland, H.H.P.J. Lemkes, J.A. Maassen*
 848 Catecholamine levels and receptor expression in low protein rat offspring *C.J. Petry, M.W. Dorling, C.L. Wang, D.B. Pawlak, S.E. Ozanne*

- 854 Altered heel-pad mechanical properties in patients with Type 2 diabetes mellitus *T.-C. Hsu, C.-L. Wang, Y.-W. Shau, F.-T. Tang, K.-L. Li, C.-Y. Chen*
- 860 Autonomic neuropathy – a complication less pronounced in patients with Type 1 diabetes mellitus who have lower blood glucose levels *P. Reichard, K. Jensen-Urstad, M. Ericsson, M. Jensen-Urstad, L.E. Lindblad*
- 867 Type 2 diabetes mellitus in UK children – an emerging problem *S. Ehtisham, T.G. Barrett, N.J. Shaw*
- 872 Comparison of ADA 1997 and WHO 1985 criteria for diabetes in south Indians – the Chennai Urban Population Study *R. Deepa, S. Shanthi Rani, G. Premalatha, V. Mohan*
- 875 Meeting report
The Diabetic Foot 2000 *S.O. Oyibo, F. Abouaesh, H. Connor, A.J.M. Boulton*
- 877 Letter
The average age at onset is decreasing in children with Type 1 diabetes in Devon and Cornwall, England *H.X. Zhao, E. Stenhouse, A.G. Demaine, B.A. Millward*
- 878 DM Diary
- 879 Indexes

